OIPE

DATE: 03/22/2001
TIME: 23:29:34

INPUT SET: S36554.raw

> This Raw Listing contains the General
> Information Section and up to the first 5 pages.

```
 1                              SEQUENCE LISTING
 2
 3   (1)     General Information                        ENTERED
 4
 5        (i) APPLICANT: Katz, Leonard
 6                       Stassi, Diane L.
 7                       Summers Jr., Richard G.
 8                       Ruan, Xiaoan
 9                       Pereda-Lopez, Ana
10                       Kakavas, Stephan J.
11
12       (ii) TITLE OF THE INVENTION: NOVEL POLYKETIDE DERIVATIVES
13              AND RECOMBINANT METHODS FOR MAKING SAME
14
15      (iii) NUMBER OF SEQUENCES: 34
16
17       (iv) CORRESPONDENCE ADDRESS:
18          (A) ADDRESSEE:  Abbott Laboratories
19          (B) STREET: 100 Abbott Park Rd.
20          (C) CITY: Abbott Park
21          (D) STATE: Illinois
22          (E) COUNTRY: USA
23          (F) ZIP: 60064-3500
24
25       (v) COMPUTER READABLE FORM:
26          (A) MEDIUM TYPE: Diskette
27          (B) COMPUTER: IBM Compatible
28          (C) OPERATING SYSTEM: DOS
29          (D) SOFTWARE: FastSEQ Version 2.0
30
31       (vi) CURRENT APPLICATION DATA:
32          (A) APPLICATION NUMBER: 09/735,056
33          (B) FILING DATE:
34          (C) CLASSIFICATION:
35
36       (vii) PRIOR APPLICATION DATA:
37          (A) APPLICATION NUMBER: 08/858,003
38          (B) FILING DATE:
39
40
41
42       (viii) ATTORNEY/AGENT INFORMATION:
43          (A) NAME: Dianne Casuto
44          (B) REGISTRATION NUMBER:  P-40;943
45          (C) REFERENCE/DOCKET NUMBER: 4952.US.P2
46
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INPUT SET: S36554.raw

```
47          (ix) TELECOMMUNICATION INFORMATION:
48            (A) TELEPHONE:  (847)-938-3137
49            (B) TELEFAX:  (847)-938-2623
50            (C) TELEX:
51
52
53            (2) INFORMATION FOR SEQ ID NO:1:
54
55          (i) SEQUENCE CHARACTERISTICS:
56            (A) LENGTH: 925 base pairs
57            (B) TYPE: nucleic acid
58            (C) STRANDEDNESS: double
59            (D) TOPOLOGY: linear
60
61
62          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
63
64   GGGCCGCTGG CGGTGATGTT CACCGGACAG GGCTCCCAAC GCCCCGGCAT GGGACGACAG        60
65   TTGTACGAGC ACTTCCCCGT CTTCGCCCAG GCACTGGACG AGGTCTTCGC ACTCGCCACC       120
66   CCCGGACTAC GCGAGGTGAT GTTCGACCCC GACCAGGCCG AAACACTCCA ACGCACCGAC       180
67   CACGCCCAGA TCGCCCTGTT CGCCTTCGAA ACCGCCCTCT ACCGACTCTG GGAATCCTGG       240
68   GGCCTGCGAC CCGACATGGT CTGCGGACAC TCGGTCGGAG AAATCACCGC AGCCCACGTC       300
69   TCCGGCACCC TCACCCTCCC CGACGCCGTC CACCTCGTCA CCACACGCGG CACCCTCATG       360
70   CAAAACCTGC CCCCCGGCGG CGCCATGCTC GCCGTCGCCA CCGACCCCCA CACCCTCCAA       420
71   CCCCACCTCG ACAACCACCA CGACACCATC TCCATCGCCG CCATCAACGG CCCCCACGCC       480
72   ACCGTCCTCT CCGGCGACCG CACCACCCTC CACCACATCG CCACCCAACT CAACACCAAA       540
73   CCCTTCACCA CCACCCTCAA CACCCTCACC CACCACCCCC CACACACACC CCTCATCAGC       600
74   ATGCTCACCG CCACACCCAC CCACCCCGAC ACCACCCACT GGACCCAGCA CATCACCGCA       660
75   CCCGTCCGCT ACACCGACAC CCTCCACCAC CTCCACCACC ACGGCATCAC CACCTACCTC       720
76   GAAATCGGCC CCGACACCAC CCTCACCGCC CTCGCCCGCA CCACCCTCCC CACCACCACC       780
77   CACCTCATCC CCACCACCCG CCGCAACCAC AACGAAGTCC GCAGCACGAA CGAGGCGTTG       840
78   GGCAGGGTGT TCAGCGTGGG CCACTCGGTG GACTGGCGGG CCCTCACTCC GACCGGGAGG       900
79   CGTACCTCCC TGCCGACGTA CCCCT                                           925
80
81            (2) INFORMATION FOR SEQ ID NO:2:
82
83          (i) SEQUENCE CHARACTERISTICS:
84            (A) LENGTH: 1030 base pairs
85            (B) TYPE: nucleic acid
86            (C) STRANDEDNESS: double
87            (D) TOPOLOGY: linear
88
89
90          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
91
92   CCTAGGACGG CAGTCCTGCT CACCGGGCAG GGTTCCCAGC GTCAGGGCAT GGGGCGCGAA        60
93   CTGTACGACC GGTCACCGGT GTTCGCCGCC TCGTTCGACG CGATCTGCGC TCAACTCGAC       120
94   GGGCAACTGC CTCGTCCCCT CAAGGACGTT CTCTTCGCCC CCGAGGGGTC GGAGGACGCC       180
95   GCGCTCATCG ACCGTACGGT GTTCACACAG GCGGCTCTGT CGCCGTGGA GACCTCCCTG        240
96   TTCCGGCTGT TCGAGGCCCA CGGCCTCGTC CCCGACTACC TCATCGGCCA CTCCATCGGC       300
97   GAAGTGACCG CGGCCCACCT GGCCGGGGTC CTCGATCTGG CGGACGCGTG CGTCCTGGTC       360
98   GCCCACCGCG GCCGCCTGAT GCAGTCGGCC CGGGCCGGCG GCGCGATGGC CGCGGTCCAG       420
99   GCGAGCGAGG ACGAGGTACG CGAGGCCCTC GCGACCTTCG ACGATGCGGT TGCCGTGGCC       480
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RAW SEQUENCE LISTING
PATENT APPLICATION *US/09/735,056*

INPUT SET: S36554.raw

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100    GGAGTCAACG GCCCGAACGC CACCGTCGTC TCCGGCGACG AGGACGCGGT CGAGCGGCTG    540
101    GTCGCGCGCT GGCGCGAGCA GGGCAGGCGG ACGAAGCGGC TGCCGGTCAG CCACGCCTTC    600
102    CACTCGCCGC ACATGGACGG GATCGTCGAC GAGTTCGTCA CCGCCGTCTC CGGGCTCACC    660
103    TTCCGCTCCC CGACGATCCC GGTCGTCTCC AACGTCACCG GGACCCTCGC CACCGTCGAC    720
104    CAGCTGACCT CGCCCGCGTA CTGGGCACGC CACATCCGCG AGGCCGTGCG CTTCGCCGAC    780
105    GGGGTGCGGT ACCTGGAGGG CGAGGGCGTC ACCGAATGGC TGGAGCTCGG GCCCGACGGC    840
106    GTTCTCGTCG CCCTGGTCGA GGACTGCCTG GCGAAGGAGG CGGGATCGCT CGCGTCCGCC    900
107    CTGCGCAAGG GGGCGAGCGA GCCCCACACC GTGGGCGCGG CCATGGCCCG CGCGGTGCTG    960
108    CGCGGATCCG GCCCCGACTG GGCGGCGGTG TTCCCCGGCG CACGGCGGGT CGACCTTCCG    1020
109    ACGTATGCAT                                                           1030
110
111            (2) INFORMATION FOR SEQ ID NO:3:
112
113         (i) SEQUENCE CHARACTERISTICS:
114            (A) LENGTH: 35 base pairs
115            (B) TYPE: nucleic acid
116            (C) STRANDEDNESS: single
117            (D) TOPOLOGY: linear
118
119
120         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
121
122    ATCTACACST CSGGCACSAC SGGCAAGCCS AAGGG                                 35
123
124            (2) INFORMATION FOR SEQ ID NO:4:
125
126         (i) SEQUENCE CHARACTERISTICS:
127            (A) LENGTH: 35 base pairs
128            (B) TYPE: nucleic acid
129            (C) STRANDEDNESS: single
130            (D) TOPOLOGY: linear
131
132
133         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
134
135    CTSAAGGCSG GCGGCGCSTA CGTSCCSATC GACCC                                 35
136
137            (2) INFORMATION FOR SEQ ID NO:5:
138
139         (i) SEQUENCE CHARACTERISTICS:
140            (A) LENGTH: 30 base pairs
141            (B) TYPE: nucleic acid
142            (C) STRANDEDNESS: single
143            (D) TOPOLOGY: linear
144
145
146         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
147
148    CGCGAATTCC TAGGCTGGCG GTGATGTTCA                                       30
149
150            (2) INFORMATION FOR SEQ ID NO:6:
151
152         (i) SEQUENCE CHARACTERISTICS:
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INPUT SET: S36554.raw

```
153              (A) LENGTH: 33 base pairs
154              (B) TYPE: nucleic acid
155              (C) STRANDEDNESS: single
156              (D) TOPOLOGY: linear
157
158
159         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
160
161    GCCGGATCCA TGCATACGTC GGCAGGGAGG TAC                                   33
162
163            (2) INFORMATION FOR SEQ ID NO:7:
164
165         (i) SEQUENCE CHARACTERISTICS:
166              (A) LENGTH: 28 base pairs
167              (B) TYPE: nucleic acid
168              (C) STRANDEDNESS: single
169              (D) TOPOLOGY: linear
170
171
172         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
173
174    GCTCGAATTC GCTGGTCGCG GTGCACCT                                         28
175
176            (2) INFORMATION FOR SEQ ID NO:8:
177
178         (i) SEQUENCE CHARACTERISTICS:
179              (A) LENGTH: 32 base pairs
180              (B) TYPE: nucleic acid
181              (C) STRANDEDNESS: single
182              (D) TOPOLOGY: linear
183
184
185         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
186
187    GACGGATCCG GCCCTAGGCT GCGCCCGGCT CG                                    32
188
189            (2) INFORMATION FOR SEQ ID NO:9:
190
191         (i) SEQUENCE CHARACTERISTICS:
192              (A) LENGTH: 30 base pairs
193              (B) TYPE: nucleic acid
194              (C) STRANDEDNESS: single
195              (D) TOPOLOGY: linear
196
197
198         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
199
200    TTGGGATCCT ATGCATTCCA GCGCGAGCGC                                       30
201
202            (2) INFORMATION FOR SEQ ID NO:10:
203
204         (i) SEQUENCE CHARACTERISTICS:
205              (A) LENGTH: 26 base pairs
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```
206                (B)  TYPE: nucleic acid
207                (C)  STRANDEDNESS: single
208                (D)  TOPOLOGY: linear
209
210
211          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
212
213    GAGAAGCTTG GCGCGACTTG CCCGCT                                      26
214
215             (2) INFORMATION FOR SEQ ID NO:11:
216
217          (i) SEQUENCE CHARACTERISTICS:
218             (A) LENGTH: 36 base pairs
219             (B) TYPE: nucleic acid
220             (C) STRANDEDNESS: single
221             (D) TOPOLOGY: linear
222
223
224          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
225
226    TTTTTTAAGC TTGGTACCTG CTCACCGGCA ACACCG                           36
227
228             (2) INFORMATION FOR SEQ ID NO:12:
229
230          (i) SEQUENCE CHARACTERISTICS:
231             (A) LENGTH: 42 base pairs
232             (B) TYPE: nucleic acid
233             (C) STRANDEDNESS: single
234             (D) TOPOLOGY: linear
235
236
237          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
238
239    TTTTTTGGAT CCCTGCAGCC TAGGGTCGGA GGCACTGCCG GT                     42
240
241             (2) INFORMATION FOR SEQ ID NO:13:
242
243          (i) SEQUENCE CHARACTERISTICS:
244             (A) LENGTH: 37 base pairs
245             (B) TYPE: nucleic acid
246             (C) STRANDEDNESS: single
247             (D) TOPOLOGY: linear
248
249
250          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:
251
252    TTTTTTCTGC AGTATGCATT CCAGGGCAAG CGGTTCT                           37
253
254             (2) INFORMATION FOR SEQ ID NO:14:
255
256          (i) SEQUENCE CHARACTERISTICS:
257             (A) LENGTH: 36 base pairs
258             (B) TYPE: nucleic acid
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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION *US/09/735,056*

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Line	Error	Original Text